

15 December 2000

MEMORANDUM FOR RECORD

SUBJECT: Response to follow-up questions (transmitted via email on 18 October 2000) on the 29 September 2000 Memorandum for Record, Subject: Recommendations for Minimum Separation Distances (MSD) for Tourtelot OE Removal Action, Former Benicia Arsenal.

1. REFERENCES:

a. DOD 6055.9-STD, DOD Ammunition and Explosives Safety Standards, July 1999.

b. Memorandum of Agreement (MOA) between the City of Benicia and the U.S. Army Corps of Engineers, District, Sacramento, February 1999.

c. HNC-ED-CS-S-98-1, Methods for Predicting Primary Fragmentation Characteristics of Cased Explosives, January 1998.

d. HNC-ED-CS-S-98-2, Method for Calculating Range to No More than One Hazardous Fragment per 600 Square Feet, January 1998.

e. Memorandum of Record, United States Army Corps of Engineers (CESPK-DE), 29 September 2000, subject: Recommendations for Minimum Separation Distances (MSD) for Tourtelot OE Removal Action, Former Benicia Arsenal.

f. Memorandum, United States Army Corps of Engineers (CEHNC-OE-CX), 02 March 2000, subject: Determination of Appropriate Safety Distances on Ordnance and Explosives (OE) Project Sites, OE Center of Expertise (CX) Interim Guidance Document 00-01.

g. Draft Work Plan for the Ordnance and Explosive Removal Actions, Sectors 2, 4 and 5, Former Benicia Arsenal, Benicia, CA, July 2000. Prepared by EODT on behalf of the U.S. Army Engineering & Support Center, Huntsville, Alabama.

h. Draft Remedial Investigation/Feasibility Study, Toutelot Cleanup Project, Benicia, California, November 16, 2000. Prepared by Earth Tech.

2. ATTACHMENTS:

A. United States Army Corps of Engineers, CEHNC-ED-CS-S, calculations of Minimum Separation Distances, 60 mm M49A3, 3 April 2000.

B. United States Army Corps of Engineers, CEHNC-ED-CS-S,